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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/713,650	
	Filing Date	November 14, 2003	
	First Named Inventor	McGROGAN	
	Group Art Unit	2186	
	Examiner Name	Not Yet Assigned	
Total Number of Pages in This Submission		Attorney Docket Number	0515805.0101

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Combined Declaration and Power of Attorney <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration of Mailing by Express Mail <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Stephen C. Glazier (Registration No. 31,361) Kirkpatrick & Lockhart LLP		
Signature			
Date	11 May 04		

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: <u>MAY 12, 2004</u>			
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Signature		Date	<u>MAY 12, 2004</u>

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: McGROGAN, Stephen K.

Group Art Unit: 2186

Application No.: 10/713,650

Examiner: Not yet assigned

Filed: November 14, 2003

Atty Dkt. No. 0515805.0101

Title: **SEGMENTED GLOBAL AREA DATABASE**

* * * * *

INFORMATION DISCLOSURE STATEMENT

The Honorable Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313

Sir:

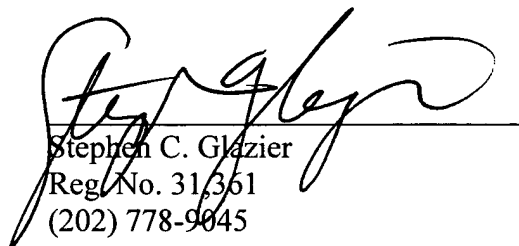
Attached is Form PTO-1449 listing the enclosed documents. Citation of a document does not necessarily constitute an admission that the document is prior art to the present application.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Should a first action on the merits have been issued on the same day or before this IDS is filed, please accept this IDS under Rule 97(c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-1721, under the above Atty Dkt. No., and proceed to consider this IDS.

Consideration of the foregoing and the return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column per MPEP §609, along with an early action on the merits of this application are earnestly solicited.

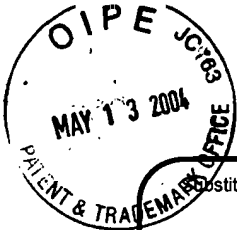
Respectfully submitted,


Stephen C. Glazier
Reg. No. 31,361
(202) 778-9045

Date: _____

11 MAY 64

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/713,650
Filing Date	November 14, 2003
First Named Inventor	McGROGAN
Art Unit	2186
Examiner Name	Not yet assigned
Attorney Docket Number	0515805.0101

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	AA	US-4,853,842	08/01/1989	Thatte et al.	
	AB	US- 4,972,367	11/20/1990	Burke	
	AC	US- 5,008,786	04/16/1991	Thatte	
	AD	US- 5,010,478	04/23/1991	Deran	
	AE	US- 5,043,885	08/27/1991	Robinson	
	AF	US- 5,136,707	08/04/1992	Block et al.	
	AG	US- 5,202,985	04/13/1993	Goyal	
	AH	US- 5,237,661	08/17/1993	Kawamura et al.	
	AI	US- 5,276,835	01/04/1994	Mohan et al.	
	AJ	US- 5,283,884	02/01/1994	Menon et al.	
	AK	US- 5,283,894	02/01/1994	Deran	
	AL	US- 5,305,389	04/19/1994	Palmer	
	AM	US- 5,389,336	03/14/1995	Tantry et al.	
	AN	US- 5,404,477	04/04/1995	Jippo	
	AO	US- 5,408,653	04/18/1995	Josten et al.	
	AP	US- 5,412,805	05/02/1995	Jordan II et al.	
	AQ	US- 5,428,761	06/27/1995	Herliy et al.	
	AR	US- 5,434,992	07/18/1995	Mattson	
	AS	US- 5,437,027	07/25/1995	Bannon et al.	
	AT	US- 5,465,352	11/07/1995	Nakazaw et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Sheet	2	of	5
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		Number - Kind Code ² (if known)			
	AU	US-5,485,609	01/16/1996	Vitter et al.	
	AV	US- 5,493,668	02/20/1996	Elko et al.	
	AW	US- 5,499,367	03/12/1996	Bamford et al.	
	AX	US- 5,506,984	04/09/1996	Miller	
	AY	US- 5,550,971	08/27/1996	Brunner et al.	
	AZ	US- 5,561,795	10/01/1996	Sarkar	
	BA	US- 5,574,902	11/12/1996	Josten et al.	
	BB	US- 5,608,904	03/04/1997	Chaudhuri et al.	
	BC	US- 5,611,076	03/11/1997	Durflinger et al.	
	BD	US- 5,615,360	03/25/1997	Bezek et al.	
	BE	US- 5,636,350	06/03/1997	Eick et al.	
	BF	US- 5,649,139	07/15/1997	Weinreb et al.	
	BG	US- 5,668,987	09/16/1997	Schneider	
	BH	US- 5,680,573	10/21/1997	Rubin et al.	
	BI	US- 5,682,527	10/28/1997	Cooper et al.	
	BJ	US- 5,701,461	12/23/1997	Dalal et al.	
	BK	US- 5,706,506	01/06/1998	Jensen et al.	
	BL	US- 5,727,203	03/10/1998	Hapner et al.	
	BM	US- 5,745,904	04/28/1998	King et al.	
	BN	US- 5,758,149	05/16/1998	Bierma et al.	

FOREIGN PATENT DOCUMENTS

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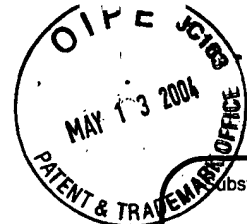
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STATEMENT BY APPLICANT**

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Sheet 3 of 5

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Attorney Docket Number	0515805.0101

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	BO	US-5,787,471	07/28/1998	Inoue et al.	
	BP	US- 5,805,809	09/08/1998	Singh et al.	
	BQ	US- 5,812,996	09/22/1998	Rubin et al.	
	BR	US- 5,822,749	10/13/1998	Agarwal	
	BS	US- 5,826,253	10/20/1998	Bredenberg	
	BT	US- 5,832,521	11/03/1998	Klots et al.	
	BU	US- 5,835,908	11/10/1998	Bennett et al.	
	BV	US- 5,835,959	11/10/1998	McCool et al.	
	BW	US- 5,864,849	01/26/1999	Bohannon et al.	
	BX	US- 5,897,634	04/27/1999	Attaluri et al.	
	BY	US- 5,915,249	06/22/1999	Spencer	
	BZ	US- 5,933,593	08/03/1999	Arun et al.	
	CA	US- 5,963,937	10/05/1999	Yamasaki et al.	
	CB	US- 6,009,271	12/28/1999	Whatley	
	CC	US- 6,014,673	01/11/2000	Davis et al.	
	CD	US- 6,070,165	05/30/2000	Whitmore	
	CE	US- 6,081,875	06/27/2000	Clifton et al.	
	CF	US- 6,173,292	01/09/2001	Barber et al.	
	CG	US- 6,314,417	11/06/2001	Bennett et al.	
	CH	US- 6,321,235	11/20/2001	Bird	

FOREIGN PATENT DOCUMENTS

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Sheet	4	of	5
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		Number - Kind Code ² (if known)			
	CI	US-6,330,565	12/11/2001	Nesbitt	
	CJ	US- 6,446,062	09/03/2002	Levine et al.	
	CK	US- 6,507,847	01/14/2003	Fleischman	
	CL	US- 6,591,266	07/08/2003	Li et al.	
	CM	US- 6,598,119	07/22/2003	Becker et al.	
	CN	US- 6,609,126	08/19/2003	Smith et al.	
	CO	US- 20030229650	12/11/2003	Olstad et al.	
	CP	US- 20030221068	11/27/2003	Tsuji et al.	
	CQ	US- 20030204504	10/30/2003	Stuy et al.	
	CR	US- 20030187851	10/02/2003	Fay et al.	
	CS	US- 20030120638	06/26/2003	Park et al.	
	CT	US- 20020087500	07/04/2002	Berkowitz et al.	
	CU	US- 20020026448	02/28/2003	Bird et al.	
	CV	US- 20010049685	12/06/2001	Carey et al.	
	CW	US- 4,805,134	02/14/1989	Calo et al.	
	CX	US- 5,426,747	06/20/1995	Weinreb et al.	
	CY	US- 5,455,942	10/03/1995	Mohan et al.	
	CZ	US- 5,560,006	09/24/1996	Layden et al.	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

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Signature**

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First Named Inventor	McGrogan
Group Art Unit	2186
Examiner Name	Not yet assigned
Attorney Docket Number	0515805.0101

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	PA	KINSLEY, K.C. and HUGHES, C.E., Analysis of a Virtual Memory Model for Maintaining Database Views, IEEE Transactions on Software Engineering, May 1992, pgs. 402-409, Volume 18, Issue 5	
	PB	BIRRELL, A., JONES, M. and WOBBER, E., A Simple and Efficient Implementation of a Small Database, ACM Symposium on Operating Systems Principles archive, 1987, pgs. 149-154	
	PC	TRAIGER, IRVING L., Virtual Memory Management for Database Systems, ACM SIGOPS Operating Systems Review archive, 1982, pgs. 26-48, Volume 16, Issue 4, ACM Press, New York, NY	
	PD	Jl, MINWEN, Affinity-based Management of Main Memory Database Clusters, ACM Transactions on Internet Technology (TOIT) archive, 2002, pgs. 307-339, Volume 2, Issue 4	
	PE	DIONN, IronEye Cache - Default branch, Freshmeat.net, May 30, 2003 12:08PST	
	PF	HOVERD, TIM, Livestore - Default branch, Freshmeat.net, October 23, 2002 10:22 PST	
	PG	No author listed, twz1jdbcForMysql - Default branch, Freshmeat.net, August 1, 1998 22:04 PST	
	PH	DARLING, AARON, mpiBLAST - Default branch, Freshmeat.net, February 11, 2003 19:55 PST	

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